U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No.
60390-IA/JPW/GJG/ML

Applicants: Arlindo L. Castelhano et al.
Filing Date
November 20, 2003

Serial No.
10/718,280

Group
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Applicants: Arlindo Castelhano et al.

Serial No.: 10/718,280 Filed: November 20, 2003

Exhibit A

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Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial No. 60390-IA/JPW/GJG/ML 10/718,280 Patent and Trademark Office Applicants: Arlindo Castelhano et al. INFORMATION DISCLOSURE CITATION Filing Date Group (Use several sheets if necessary) November 20, 2003 1624 **U.S. PATENT DOCUMENTS** Date Name Class Subclass Filing Date Examiner Document Number Initial if Appropriate FOREIGN PATENT DOCUMENTS Document Number Date Country Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Baraldi, P.G. et al., (1999) "A1 and A3 adenosine receptor agonists: an overview." Expert Opinion on 35 Therapeutic Patents, 9(5):515-527 36 Baraldi, P.G. et al., (2004) "Allosteric modulators for the A1 adenosine receptor." Expert Opinion on Therapeutic Patents, 14(1):71-79 Baraldi, P.G. (2003) "Recent developments in the field of A2A and A3 adenosine receptor antagonists" Eur. 37 J. Med. Chem. 38(4) 367 Blazynski C., (1990) "Discrete Distributions of Adenosine Receptors in Mammalian Retina", Journal of 38 Neurochemistry, 53: 648-655 Borman, S. (2001) "A3 Receptors" C&EN, 79(7), 37 39 40 Braas K.M., et al., (1987) "Endogenous adenosine and adenosine receptors localized to ganglion cells of the retina", Proceedings of the National Academy of Science, 84: 3906-3910 Bradford M. M., (1976) "A Rapid and Sensitive Method for the Quantitaion of Microgram Quantities of 41 Protein Utilizing the Principle of Protein-Dye Binding", Anal. Biochem., 72: 248 42 Bremer et al. (2002) "Therapy of Crohn's Disease in Childhood", Expert Opin. Pharmacother. 3(7): 809-825 43 Broach, J. R. et al., (1983) "Vectors for high level, inducible expression of cloned genes in yeast", Inouye (ed)., Experimental Manipulation of Gene Expression. Academic Press, New York, 83-117 Casavola V., et al., (1983) "Adenosine A3 receptor activation increases cystolic calcium concentration via 44 calcium influx in A6 cells", Drug Development Research, 43 (1): 62 Cheng, Y. and Prusoff, W. H. (1973) "Relationship Between The Inhibition Constant (Ki) And The 45 Concentration Of Inhibitor Which Causes 50 Per Cent Inhibition (I50) Of An Enzymatic Reaction". Biochem. Pharmacol., 22: 3099-3109 Christianson, T. W. et al., (1992) "Multifunctional yeast high-copy-number shuttle vectors", Gene, 110: 119-46 122 47 Christofi, F. L. et al. (2001), "Differential Gene Expression of Adenosine A1, A2a, A2b, and A3 Receptors in the Human Enteric Nervous System", J. Comp. Neurol. 439(1): 46-64 Coney, A. M. et al. (1998) "Role of Adenosine and its Receptors in the Vasodilation Induced in the Cerebral 48 Cortex of the Rat by Systemic Hypoxia" J. Physiol. 509: 507-518 Cooper, J. A. (1995) "Adenosine Receptor-induced Cyclic AMP Generation and Inhibition of 5-49 hydroxytryptamine release in Human Platelets" Br. J. Clin. Pharmacol. 40:43-50 Corset, V. et al. (2000), "Netrin-1-mediated axon outgrowth and cAMP production requires interaction with adenosine A2b receptor", Nature, 407 (6805): 747-750 50

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Group 1624 November 20, 2003 **U.S. PATENT DOCUMENTS** Date Class Subclass Filing Date Examiner Document Number Name Initial if Appropriate FOREIGN PATENT DOCUMENTS Document Number Date Country **Subclass** Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Von Lubitz D., et al., (1999) "Stimulation of Adenosine A3 Receptors in Cerebral Ischemia", Ann. NY. Acad. 108 Sci., 890: 93-106 Von Lubitz, D., et al., (1999) "Chronic administration of adenosine A3 receptor agonist and cerebral ischemia: 109 neuronal and glial effects", European Journal of Pharmacology, 367: 157-163 West, R.A. et al. (1961) "2-alkyl(aryl)-and 2,7-dimethyl-4-substituted aminopyrrolo[2,3—d]pyrimidines." J. 110 Org. Chem., 26:3809-3812 Yan, Luo et al. (2003) Expert Opinion on Emerging Drugs, vol. 8, no. 2 pp. 537-576 111 Yao Y., et al., (1997) "Adenosine A3 Receptor Agonists Protect HL-60 and U-937 Cells from Apoptosis 112 Induced by A3 Antagonists", Biochemical And Biophysical Research Communications, 232: 317-322 Zhao Z., et al., (2000) "A role for the A3 Adenosine receptor in determining tissue levels of cAMP and blood 113 pressure: studies in knock-out mice", Biochimica et Biophysica Acta, 1500: 280-290 International Search Report issued in PCT International Application No. PCT/US99/12135, filed June 1, 1999 114 International Search Report issued in PCT International Application No. PCT/US00/32702, filed December 1, 115 International Search Report issued in PCT International Application No. PCT/US2001/045280, filed 116 November 30, 2001 International Search Report issued in PCT International Application No. PCT/US2002/38055, filed November 117 International Search Report issued in PCT International Application No. PCT/US2002/40890, filed December 118 20, 2002 119 International Search Report issued in PCT International Application No. PCT/US2002/41273, filed December 20, 2002 120 PCT International Preliminary Examination Report issued PCT International Application No. PCT/US99/121358 121 PCT International Preliminary Examination Report issued in PCT International Application No. PCT/US00/32702 122 PCT International Preliminary Examination Report issued in PCT International Application PCT/US2001/045280, filed November 30, 2001 123 PCT International Preliminary Examination Report issued PCT International Application PCT/US2002/38055, filed November 27, 2002 PCT International Preliminary Examination Report in PCT International Application 124 issued PCT/US2002/40890, filed December 20, 2002 PCT International Preliminary Examination Report issued in PCT International 125 Application PCT/US2002/41273, filed December 20, 2002 126 Supplemental European Search Report; for EP Application No. 02 80 5676; issued 2/7/2005 127 Partial European Search Report for EP Application No. 06 01 6543.8; completed 10/4/2006 Partial European Search Report; for EP Application No. 01 99 7029; completed 12/21/2004 128 EXAMINER DATE CONSIDERED

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